Title (en)

Method and apparatus for improving transmission time interval bundling

Title (de)

Verfahren und Vorrichtung zur Verbesserung der Übertragungszeitintervallbündelung

Title (fr)

Procédé et appareil pour améliorer le groupage d'intervalle d'heure de transmission

Publication

EP 2110985 A3 20100224 (EN)

Application

EP 09005364 A 20090415

Priority

US 4490708 P 20080415

Abstract (en)

[origin: EP2110985A2] A method for improving transmission time interval bundling transmission in a wireless communication system (1000) includes transmitting a first bundle at a first time point (502), and transmitting a second bundle at a second time point behind the first time point, wherein the second time point is located in a bundle round trip time of the first bundle, and the bundle round trip time is a specific multiple of a Hybrid Automatic Repeat Request Round Trip Time (504).

IPC 8 full level

H04L 12/18 (2006.01)

CPC (source: EP US)

H04L 1/1812 (2013.01 - EP US); **H04L 1/1887** (2013.01 - EP US); H04L 1/1822 (2013.01 - EP US); H04L 1/189 (2013.01 - EP US)

Citation (search report)

- [X] ALCATEL-LUCENT: "RAN2 aspects of the solutions for Subframe Bundling", 3GPP DRAFT; R2-081446 SUBFRAME BUNDLING RAN2 ISSUES, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. RAN WG2, no. Shenzhen, China; 20080325, 25 March 2008 (2008-03-25), XP050139195
- [X] "UL coverage enhancement for VoIP transmission", 3GPP DRAFT; R2-081185, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. RAN WG2, no. Sorrento, Italy; 20080215, 15 February 2008 (2008-02-15), XP050138958
- [X] MOTOROLA: "RV for UL Subframe Bundling", 3GPP DRAFT; R1-081304 RV FOR UL BUNDLING_FINAL, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. RAN WG1, no. Shenzhen, China; 20080327, 27 March 2008 (2008-03-27), XP050109735

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WO2011038801A3; US8837440B2; US9331817B2; US9750001B2; US10405303B2; US10887874B2; US11706767B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2110985 A2 20091021; **EP 2110985 A3 20100224**; **EP 2110985 B1 20140709**; CN 101562838 A 20091021; CN 101562838 B 20110629; JP 2009260969 A 20091105; JP 5070239 B2 20121107; TW 200943811 A 20091016; TW I387256 B 20130221; US 2009259911 A1 20091015; US 8281202 B2 20121002

DOCDB simple family (application)

EP 09005364 A 20090415; CN 200910134890 A 20090415; JP 2009099416 A 20090415; TW 98112491 A 20090415; US 42382209 A 20090415